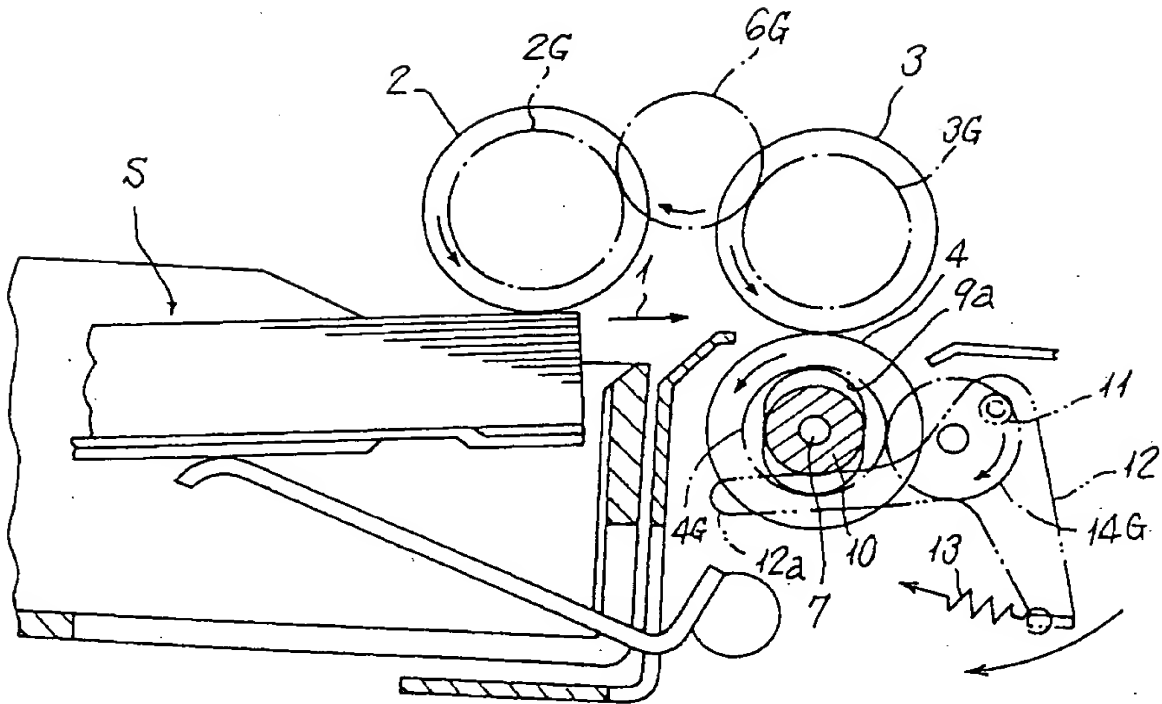


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29FIGS

FIG.1



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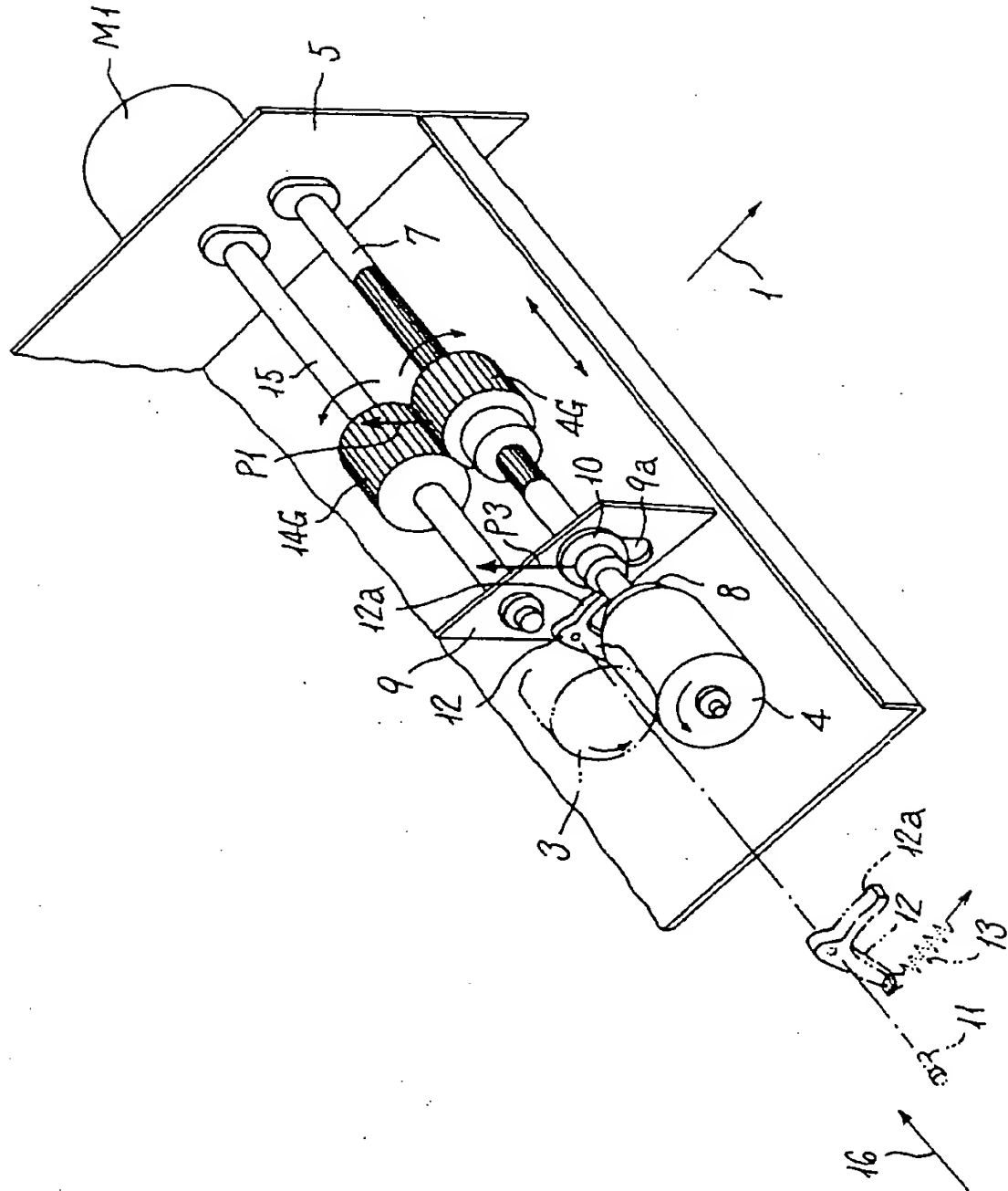
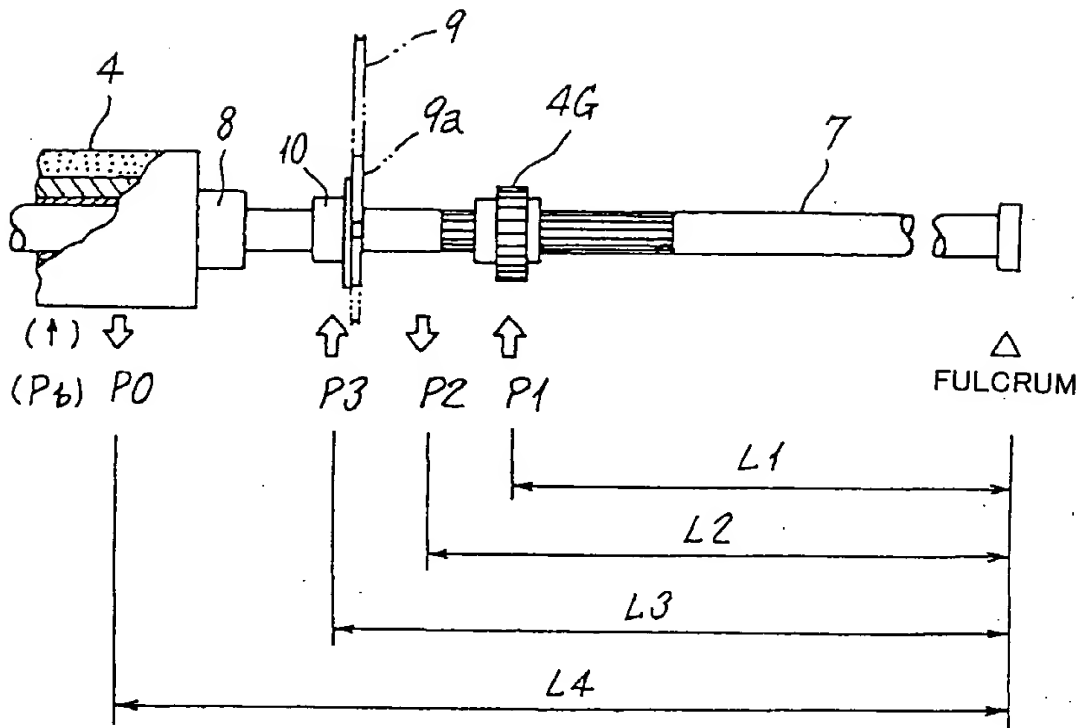


FIG.3

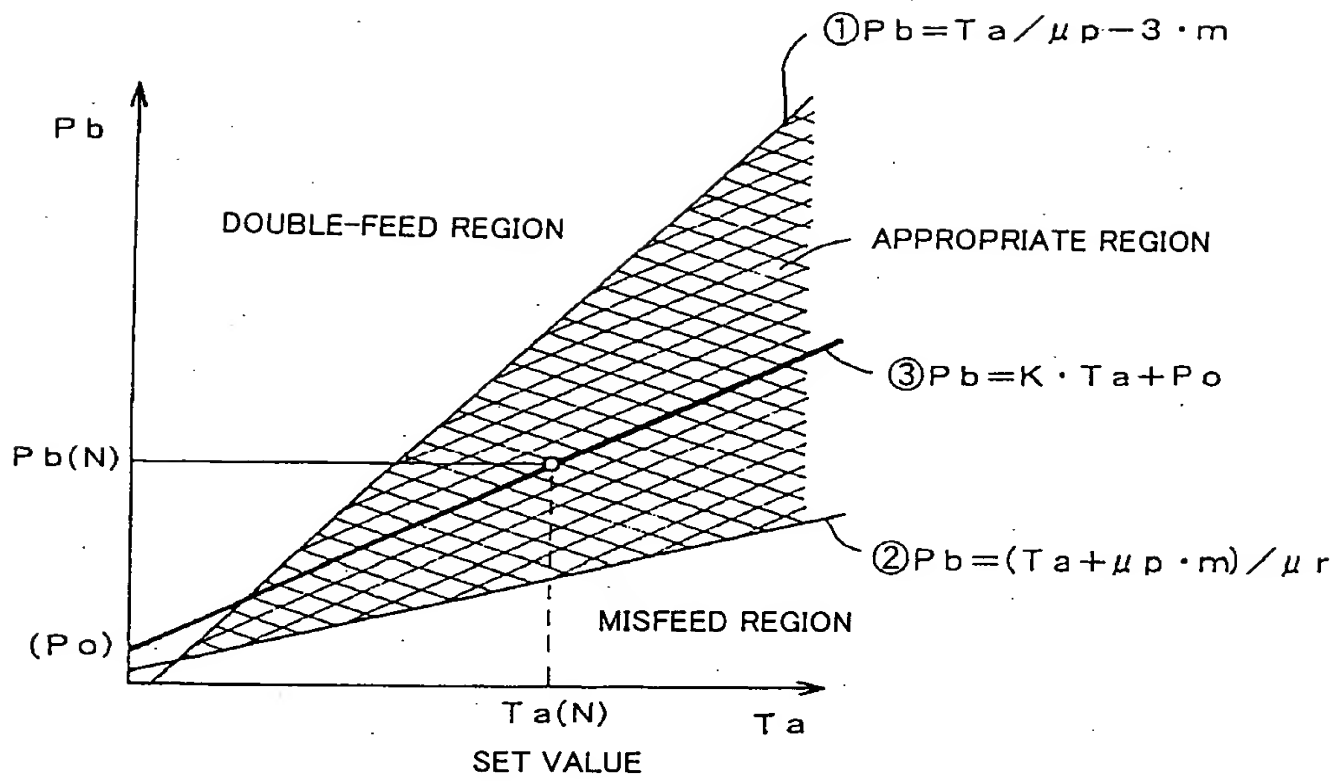


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A schematic diagram of a mechanical system. A horizontal bar, labeled S , is shown. On the left end of the bar, there is a force R_a acting to the left. In the middle of the bar, there is a contact point with a wheel labeled 3 above it and a wheel labeled 4 below it. At this contact point, there is a force F_b acting to the right on the bar and a reaction force T_a acting to the left on the bar. Wheel 4 has a radius R_s and a torque T_r acting clockwise. A force P_b acts upwards from the center of wheel 4 . To the right of the main diagram, there is a separate horizontal line with an arrow pointing right, labeled 1 .

A schematic diagram of a mechanical assembly. A horizontal belt, labeled $S1$, is shown with arrows indicating its direction of travel. The belt is supported by two rollers, labeled 3 (top) and 4 (bottom). The roller 4 is shown with a curved arrow labeled Tr indicating its rotation. A force F_d is applied to the left end of the belt, and a force F_e is applied to the right end. A force F_c is applied to the top roller 3 , and a force T_a is applied to the bottom roller 4 . A section line $S2$ is indicated on the right side of the belt, and a section line $S3$ is indicated on the left side of the belt. A dashed line 1 is shown on the far right, representing a reference line or a section cut.

FIG.6



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FIG. 7

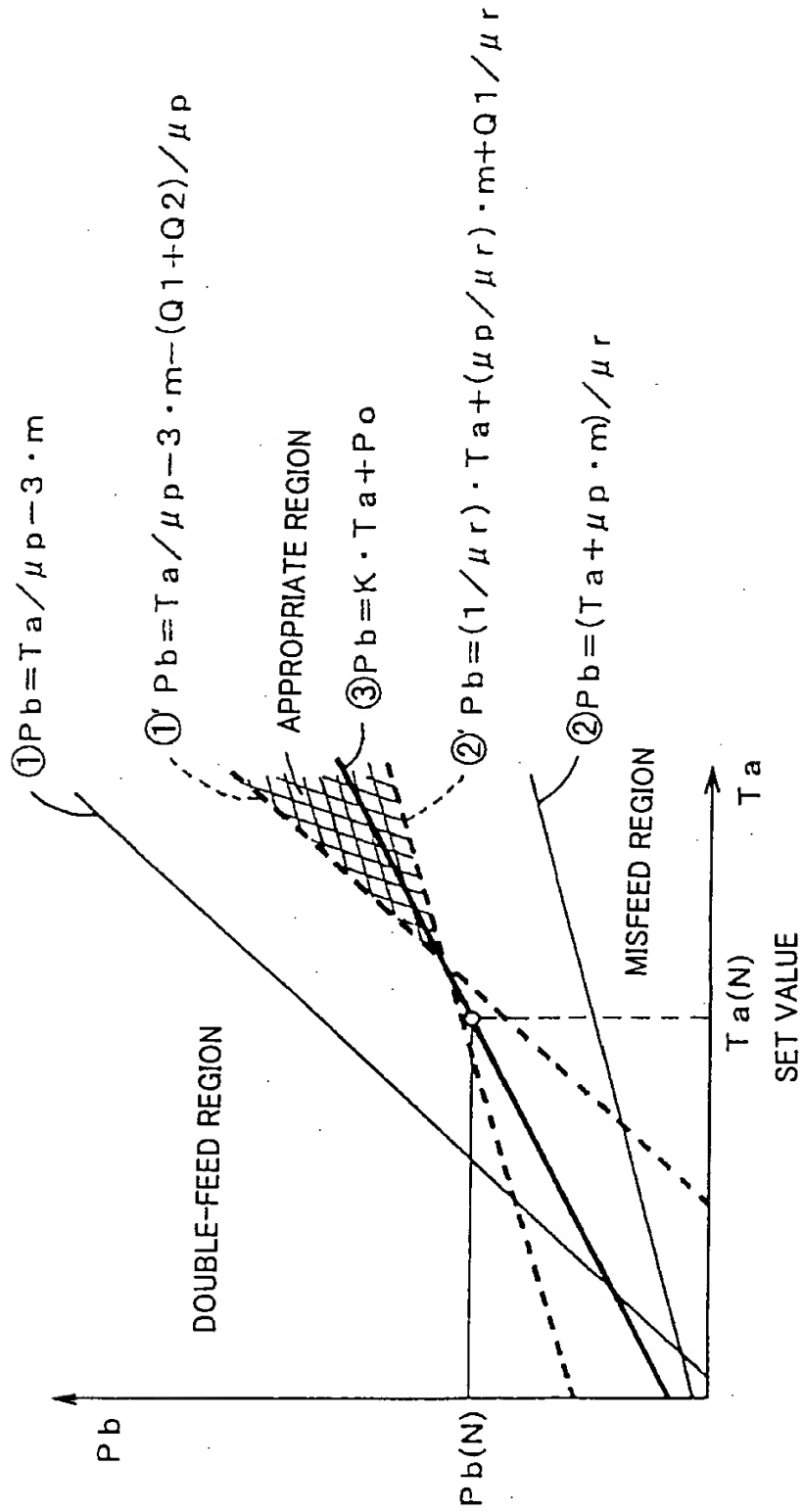


FIG.8

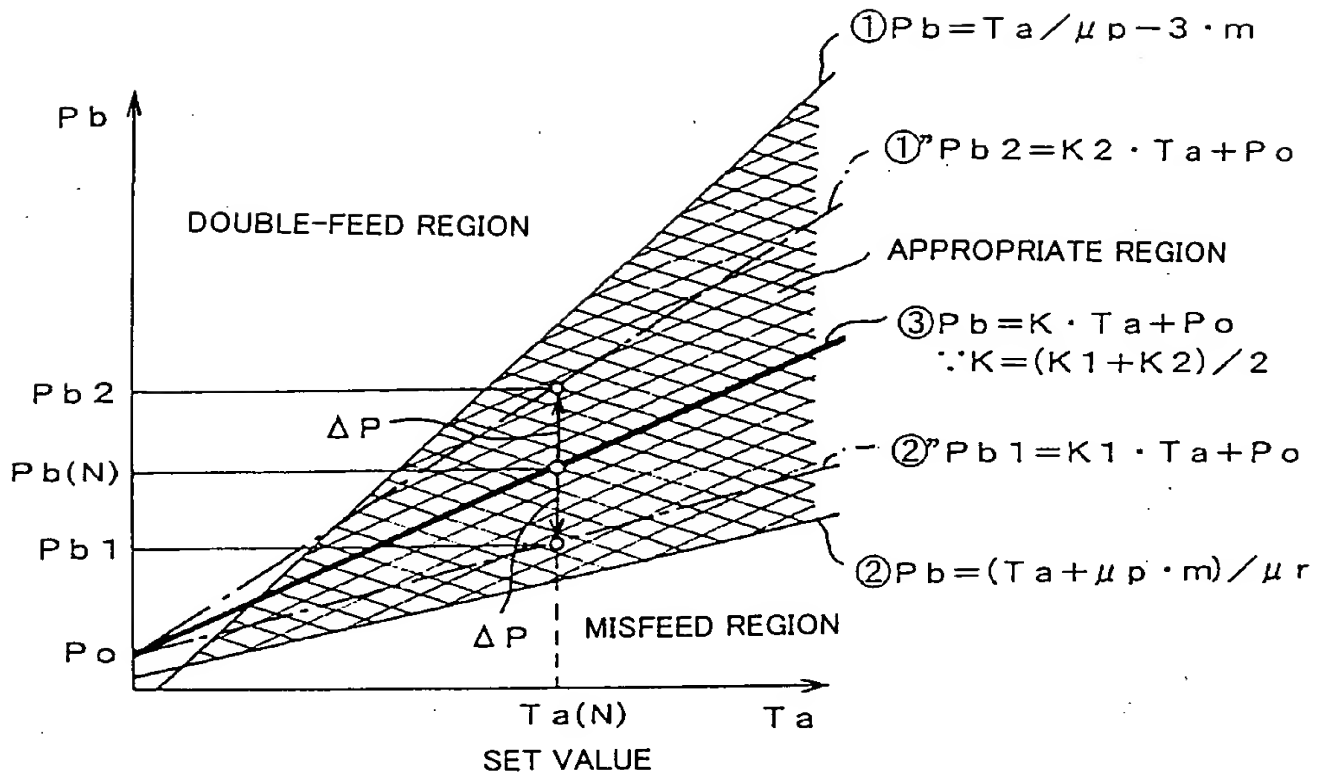


FIG. 8

FIG. 9

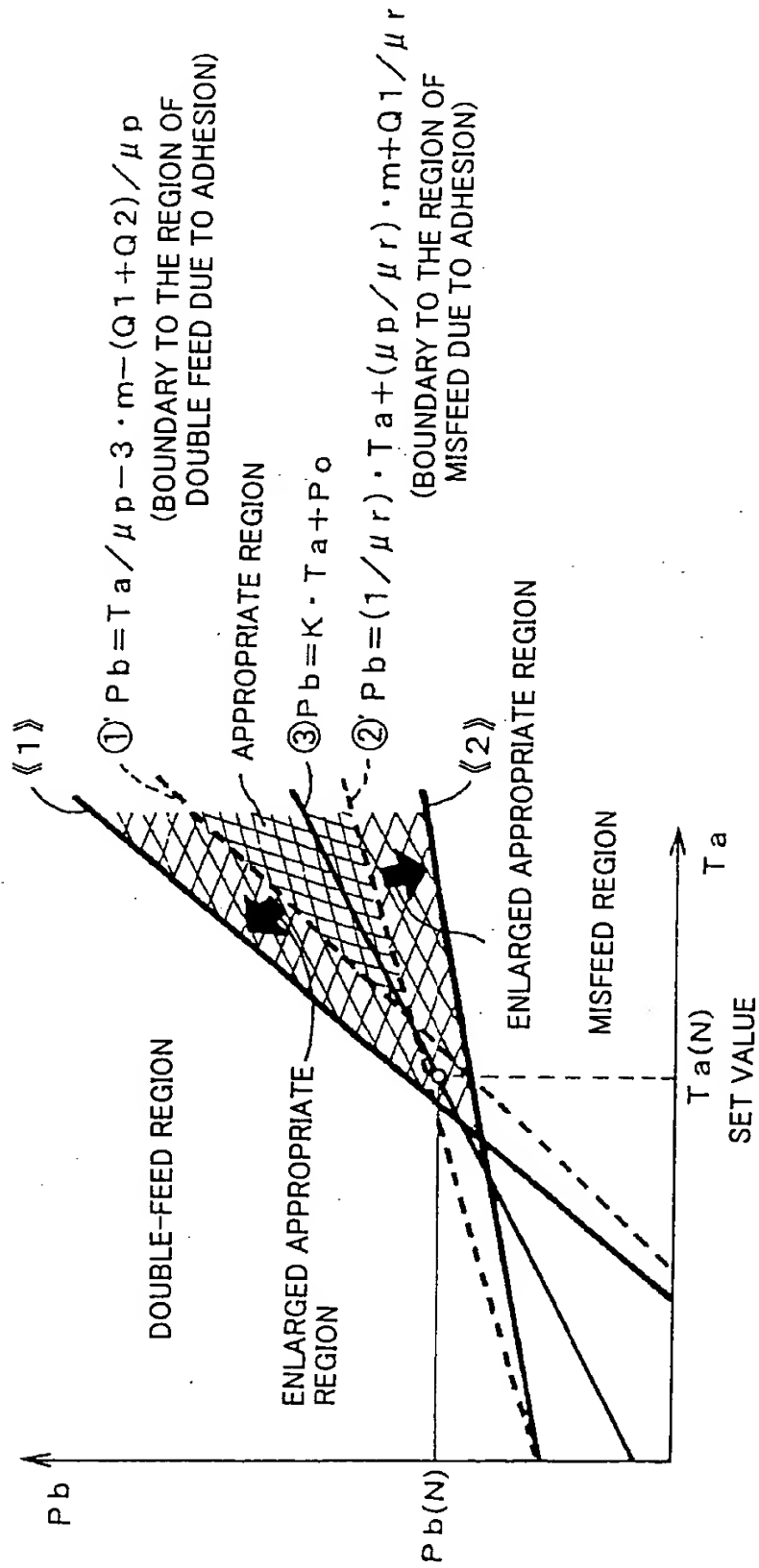


FIG.10

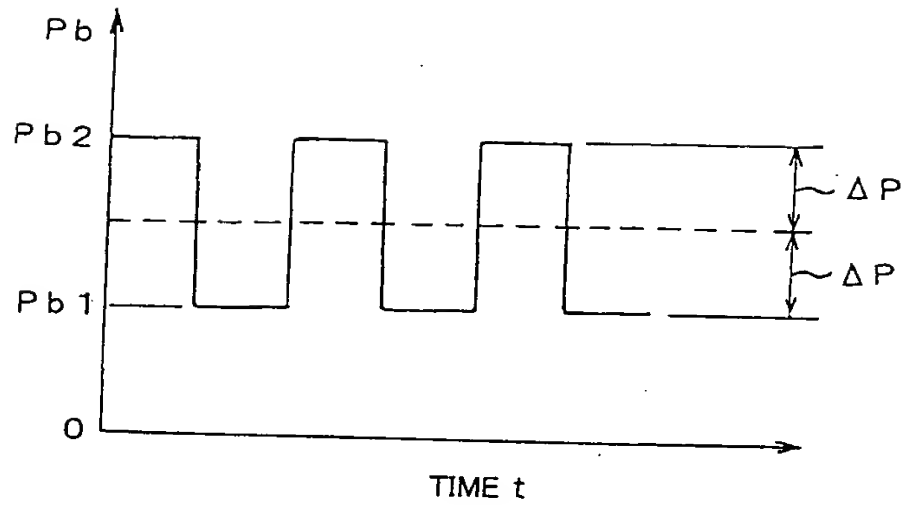


FIG.11

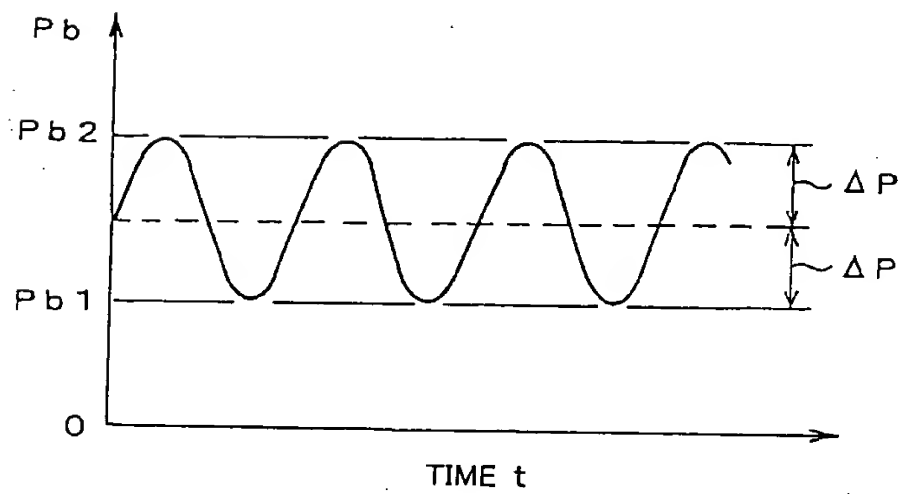


FIG.12

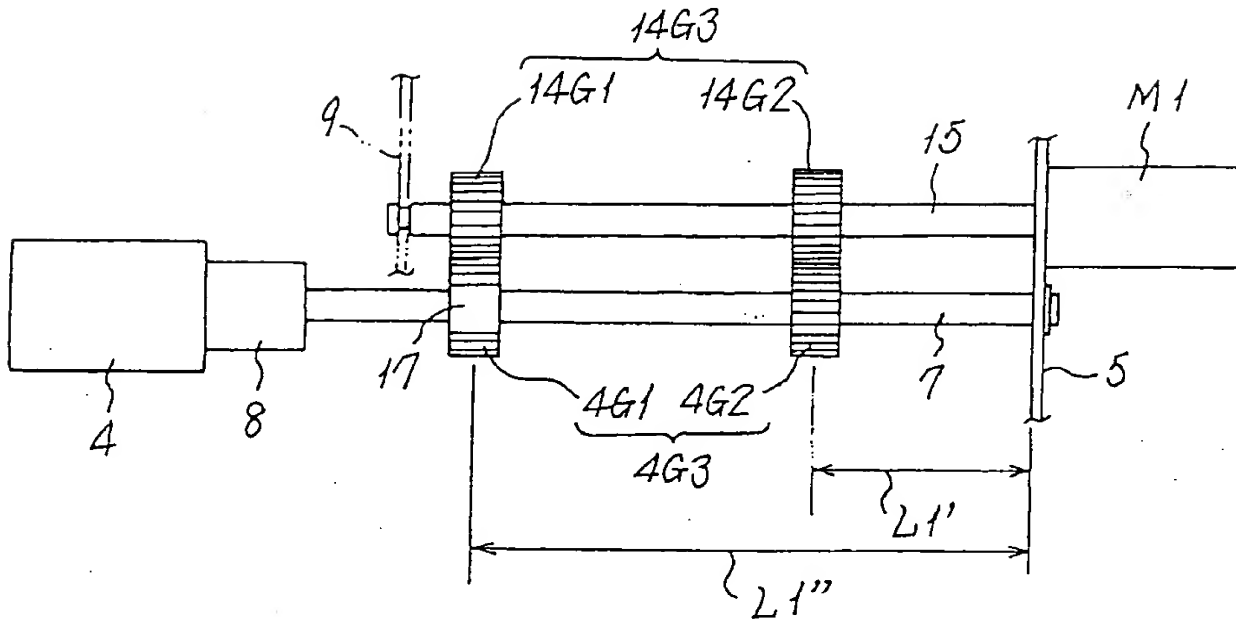


FIG.13

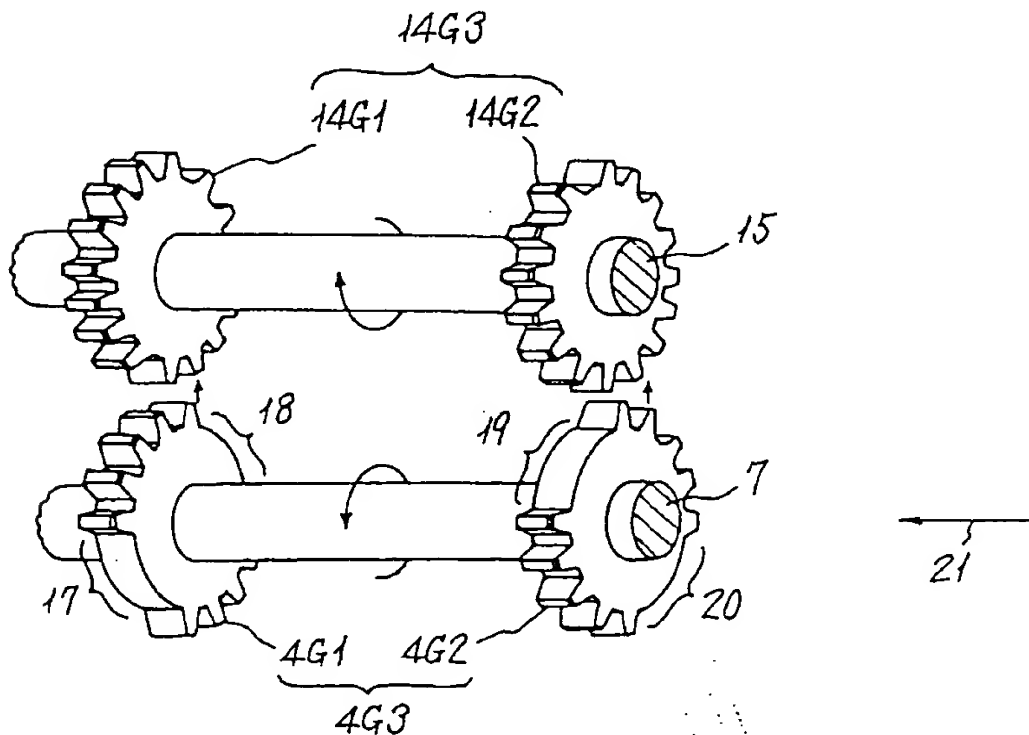


FIG.14 A

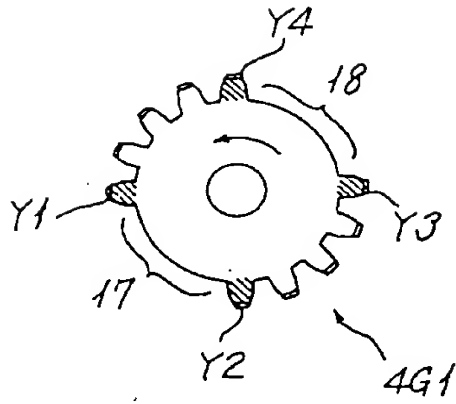


FIG.14B

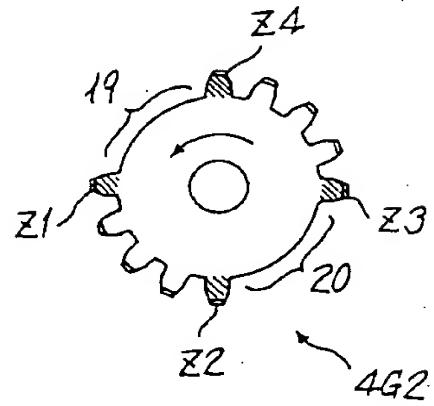


FIG.15

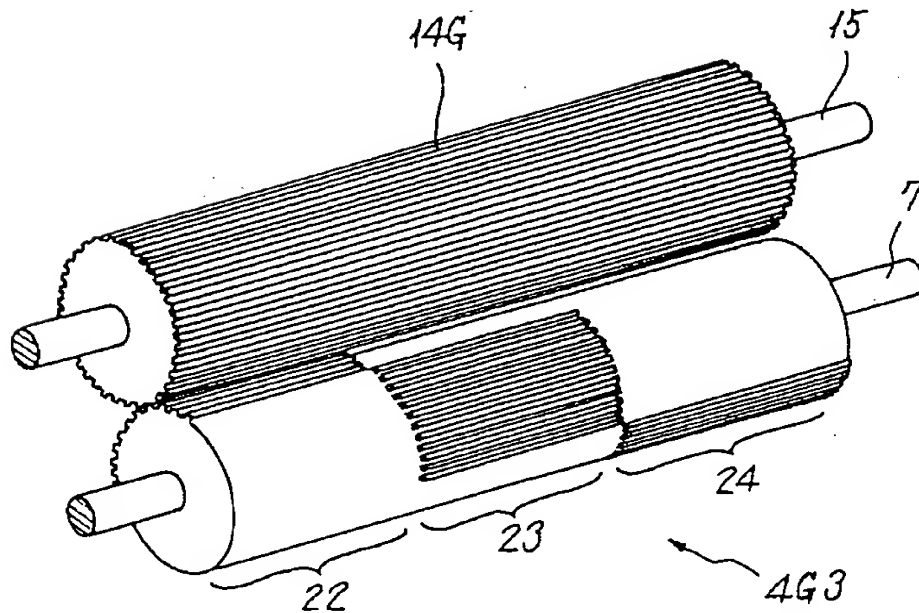


FIG. 14A

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FIG.16

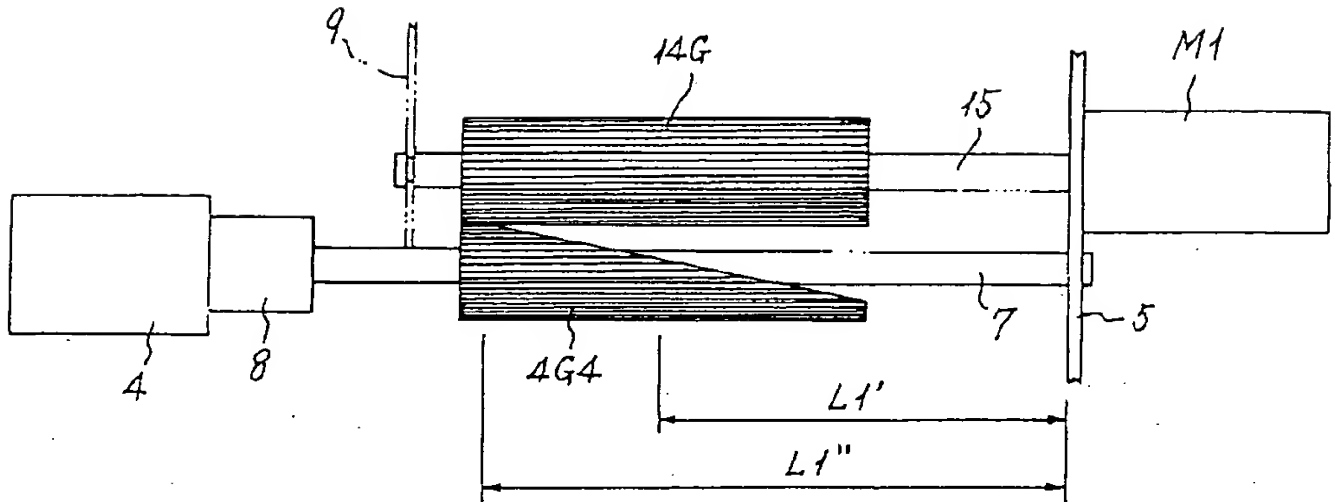


FIG.17

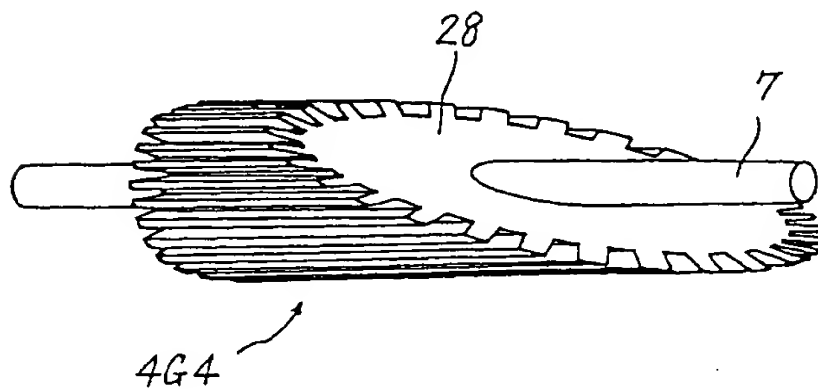


FIG.20

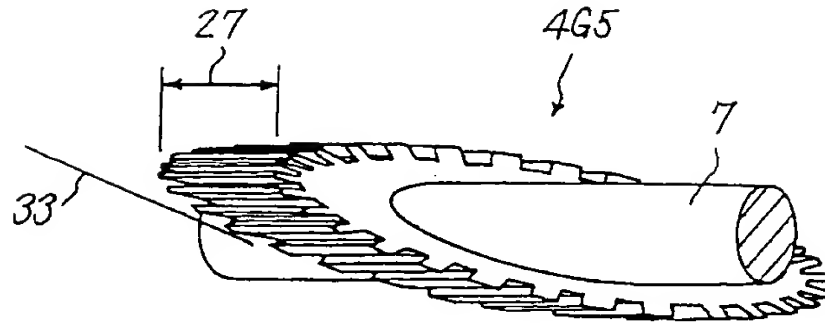
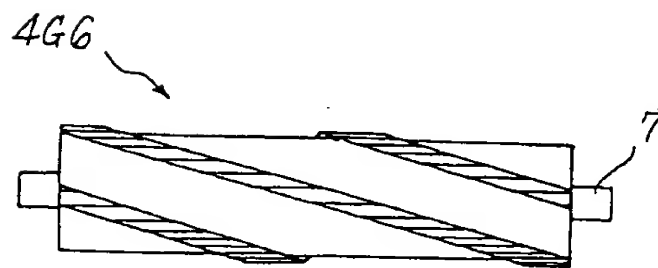


FIG.21



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FIG.22A

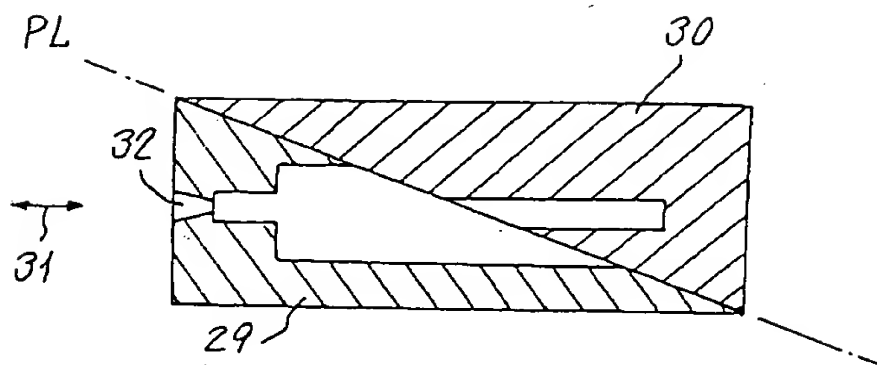


FIG.22B

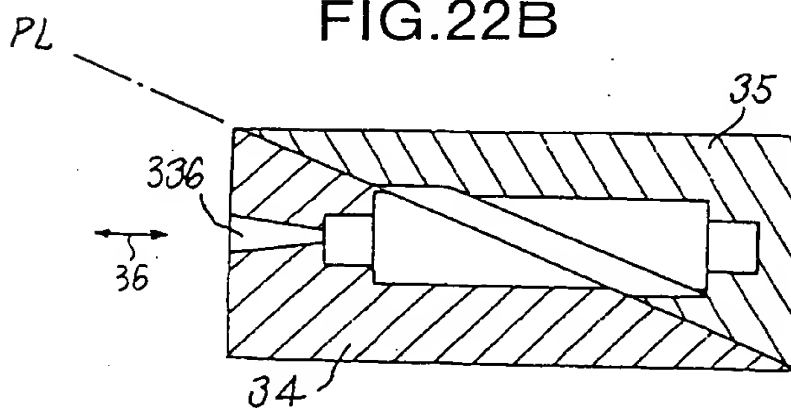


FIG. 22A

FIG.23

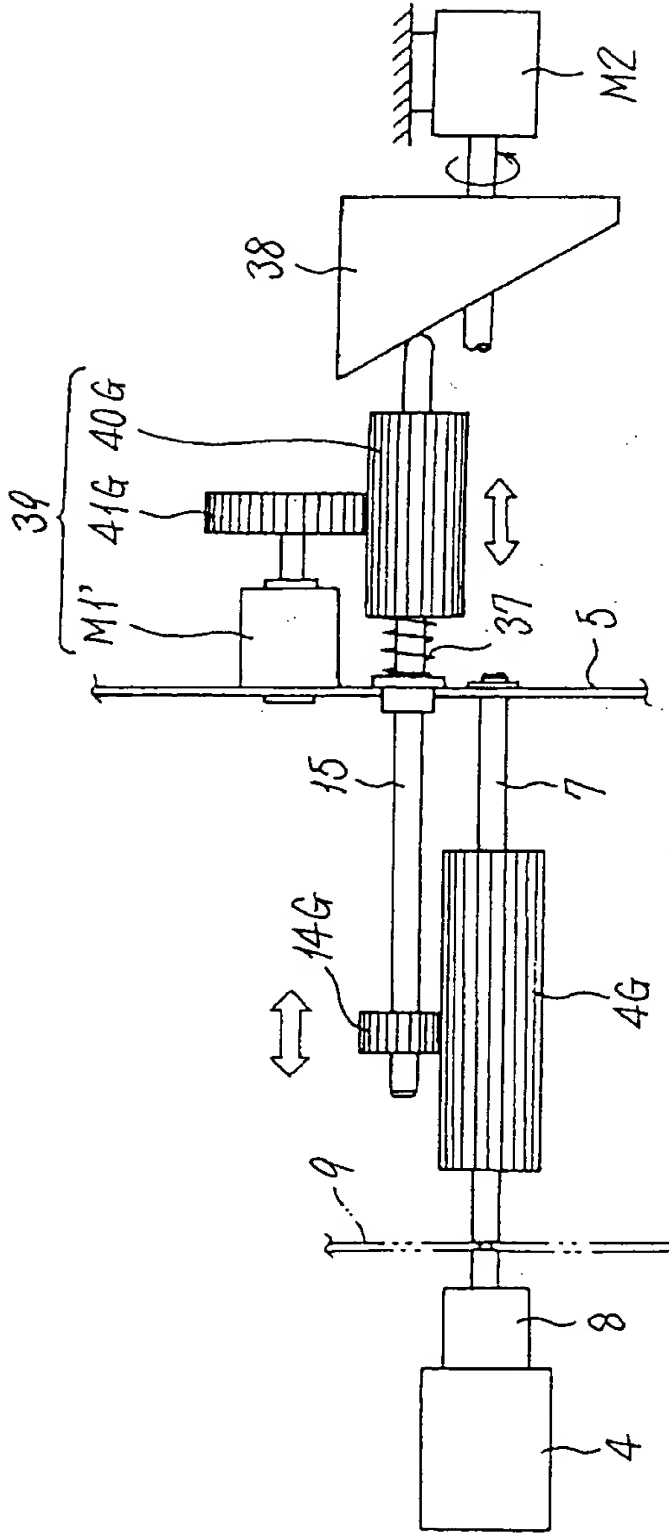


FIG.24A

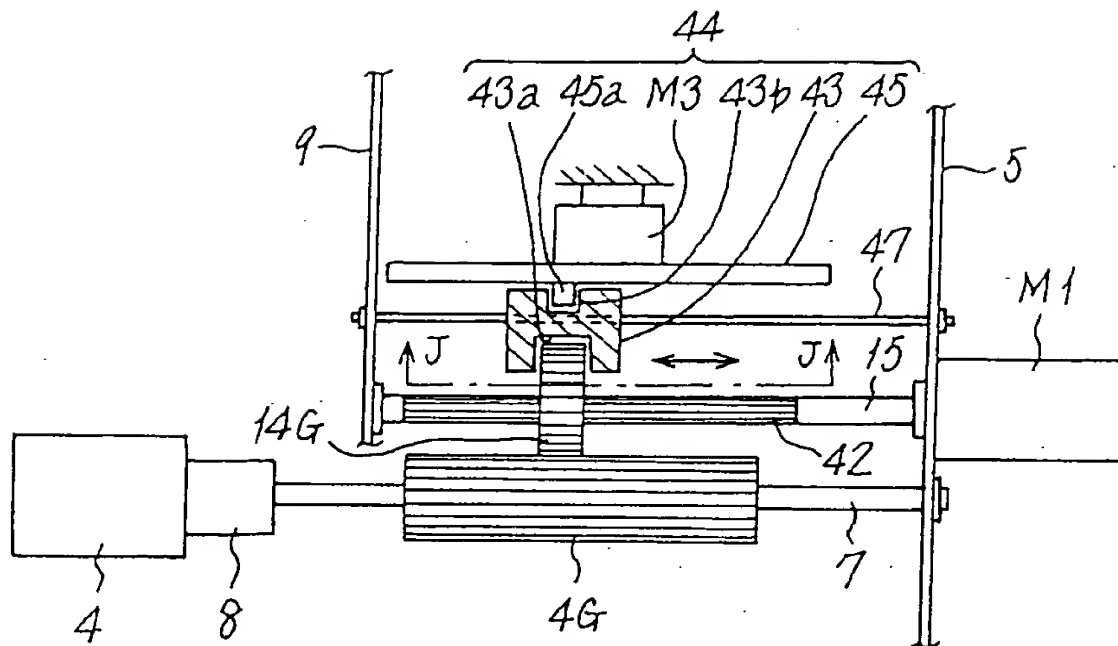
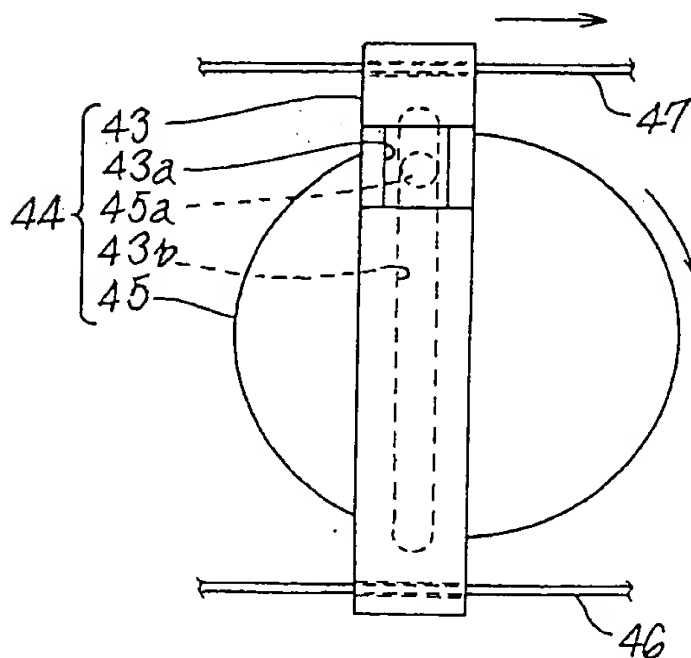


FIG.24B



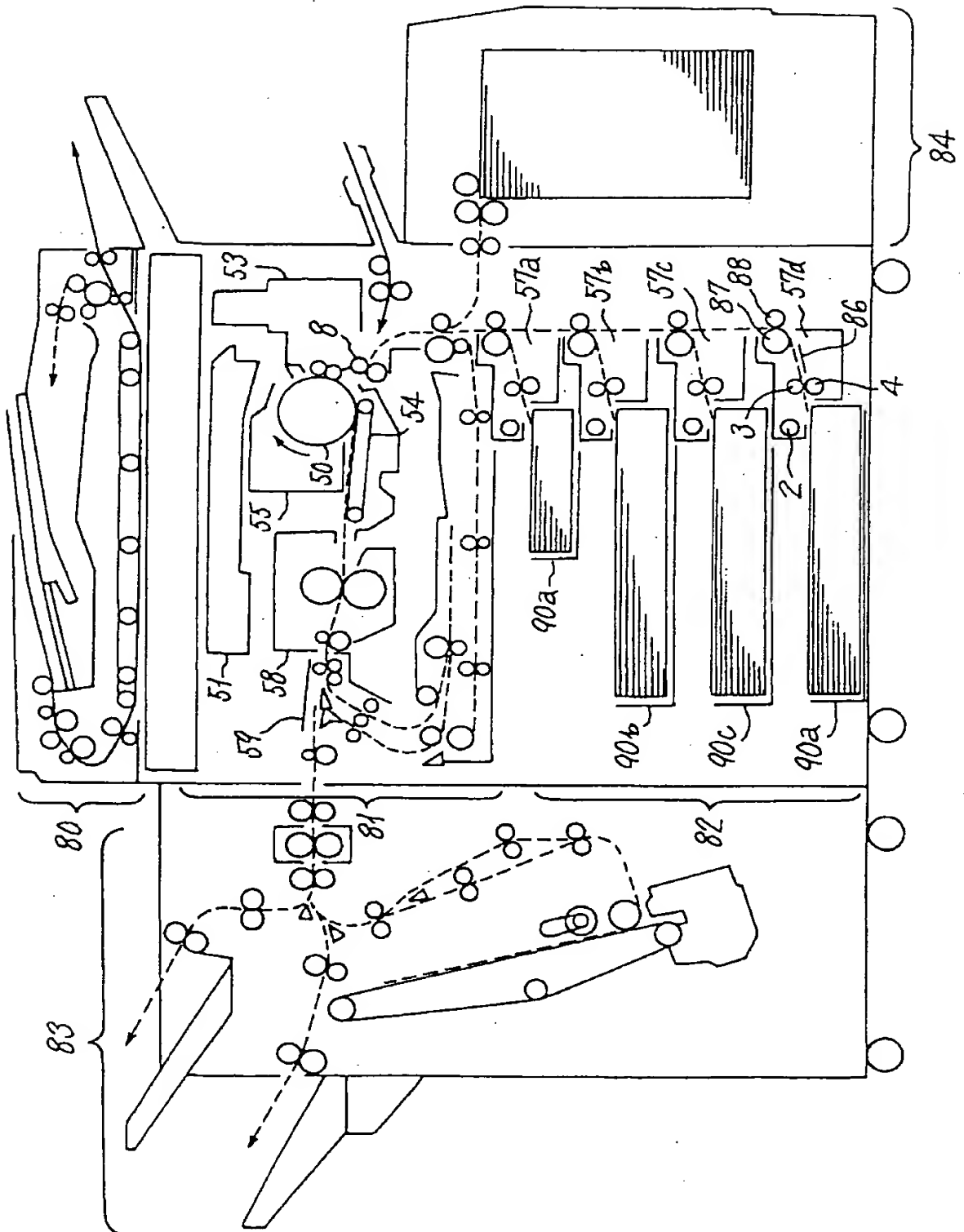
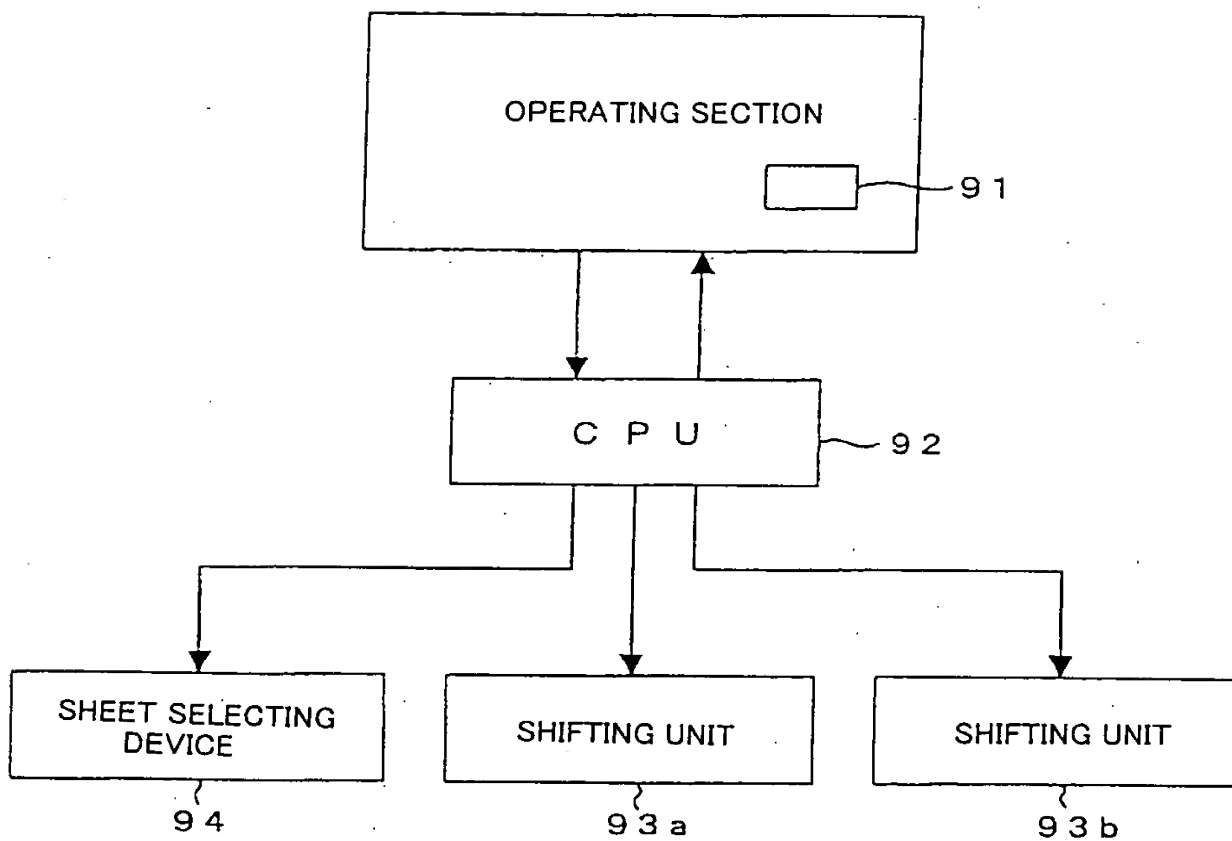
[illegible]

FIG.26



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